

DECLARATION FOR PATENT APPLICATION

Docket Number (optional) P1145/20006

As a'below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled OPTIMIZING THE PROPERTIES OF ELECTROMAGNETIC ENERGY IN A MEDIUM USING STOCHASTIC PARALLEL PERTURBATION GRADIENT DESCENT OPTIMIZATION ADAPTIVE OPTICS the specification of which is attached hereto unless the following box is checked:

Was filed on October 29, 2003 as United States Application Number or PCT International Application Number 10/696,653 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56. I hereby claim foreign priority benefits under 35 U. S. C. §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT

International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

			Priority Claimed
<u>None</u>	<u>(Number)</u>	<u>(Country)</u>	<u>Yes</u> <u>No</u>
<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year Filed)</u>	<u>Yes</u> <u>No</u>

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

<u>None</u>	<u>(Application Number)</u>	<u>(Filing Date)</u>
<u>Application Number</u>	<u>(Filing Date)</u>	

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international date of this application.

<u>None</u>	<u>(Application Number)</u>	<u>(Filing Date)</u>	<u>(Status-patented, pending, abandoned)</u>
<u>Application Number</u>	<u>(Filing Date)</u>	<u>(Status-patented, pending, abandoned)</u>	

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Alan H. Bernstein (Registration No. 19,315); Stanley H. Cohen (Registration No. 20,235); Manny D. Pokotilow (Registration No. 22,492); Barry A Stein (Registration No. 25,257); Martin L. Faigis (Registration No. 24,364); Eric S. Marzluft (Registration No. 27,454); Robert S. Silver (Registration No. 35,681); Scott M. Slomowitz (Registration No. 39,032); Michael J. Berkowitz (Registration No. 39,607), David M. Tener (Registration No. 37,054), James J. Kozuch (Registration No. 39,733), Frank M. Linguiti (Registration No. 32,424), Gary A. Greene (Registration No. 38,897), Michael J. Cornelison (Registration No. 40,395), Bruce J. Chasan (Registration No. 38,764) Allan H. Fried (Registration No. 31,253) and Marina E. Volin (Registration No. 52,328) care of Caesar, Rivise, Bernstein, Cohen & Pokotilow, Ltd., 12th Floor, Seven Penn Center, 1635 Market Street, Philadelphia, Pennsylvania 19103-2212, my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name) Michael A. Della Vecchia

Inventor's signature M. A. Della Vecchia Date 2/20/04

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Additional inventors are being named on separately numbered sheets attached hereto.

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(continued)

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Third Inventor's signature Vorontsov

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